



03/08/01

PATENT APPLICATION
ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Case Docket No. 200-0809
Date: March 8, 2001
Customer No.: 024939

10973 U.S. PTO
09/802142
03/08/01

Sir:

Transmitted herewith for filing is the patent application of Inventor(s):
Eric D. Bramson and Kirk E. Neet

For: **REDUCED MAGNETIC NOISE AND CURRENT RIPPLE AUTOMOTIVE REGULATOR**

Enclosed are:

- ☒ 5 sheet(s) of drawings
- ☒ Declaration and Power of Attorney
- ☒ Assignment and Cover Sheet
- ☒ Information Disclosure Statement, PTO Form 1449, and Copies of Citations
- ☒ Postcards (2)
- ☒ Check

The filing fee has been calculated as shown below for OTHER THAN A SMALL ENTITY:

| FOR | NO. FILED | NO. EXTRA | RATE | FEE |
|------------------------------|-----------|-----------|-------|-----------|
| Basic Fee | | | | \$ 710.00 |
| Total Claims | 21 | 1 | 18 | \$ 18.00 |
| Indep Claims | 3 | 0 | 80 | \$ 0 |
| Multiple Dependent Claims(s) | 0 | | 270 | \$ 0 |
| Presented | | | | |
| Assignment Recordal Fee | | | 40 | \$ 40.00 |
| | | | TOTAL | \$ 768.00 |

- [X] A check in the amount shown next to the Total is enclosed.
A duplicate copy of this sheet is enclosed.
- [X] The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0476.
Any additional filing fees required under 37 CFR 1.16.
Any patent application processing fees under 37 CFR 1.17.
- [X] The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-0476.
Any patent application processing fees under 37 CFR 1.17.
Any filing fees under 37 CFR 1.16 for presentation of extra claims.

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Date of Deposit 3/8/01

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patent and Trademarks, Washington, D.C. 20231

Kevin G. Mierzwa
Attorney or Agent of Record
Registration No. 38,049
Artz & Artz, P.C.
28333 Telegraph Road, Suite 250
Southfield, MI 48034
(248) 223-9500

Kevin G. Mierzwa
(Printed Name of Person Mailing Paper or Fee.)

(Signature of Person Mailing Paper or Fee.)

03/08/01
J1049 U.S. PTO

03-09-01

A
#

PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 768.00)

Complete if Known

| | |
|----------------------|-----------------------|
| Application Number | Filed Herewith |
| Filing Date | Filed Herewith |
| First Named Inventor | Eric D. Bramson |
| Examiner Name | Not Known |
| Group Art Unit | Not Known |
| Attorney Docket No. | VGT-200 PA (200-0809) |

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-0476
Deposit Account Name: Artz & Artz, P.C.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 710 | 201 355 | Utility filing fee | 710.00 |
| 106 320 | 206 160 | Design filing fee | |
| 107 490 | 207 245 | Plant filing fee | |
| 108 710 | 208 355 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |

SUBTOTAL (1) (\$ 710.00)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 21 | -20** = 1 | 18 | 18.00 |
| 3 | -3** = 0 | 80 | |
| Multiple Dependent | | | |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 80 | 202 40 | Independent claims in excess of 3 |
| 104 270 | 204 135 | Multiple dependent claim, if not paid |
| 109 80 | 209 40 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 18.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Fee Code | Large Entity Fee (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|------------|-----------------------|----------------------------|--|----------|
| 105 130 | 205 65 | | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 | 139 130 | | Non-English specification | |
| 147 2,520 | 147 2,520 | | For filing a request for <i>ex parte</i> reexamination | |
| 112 920* | 112 920* | | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | | Extension for reply within first month | |
| 116 390 | 216 195 | | Extension for reply within second month | |
| 117 890 | 217 445 | | Extension for reply within third month | |
| 118 1,390 | 218 695 | | Extension for reply within fourth month | |
| 128 1,890 | 228 945 | | Extension for reply within fifth month | |
| 119 310 | 219 155 | | Notice of Appeal | |
| 120 310 | 220 155 | | Filing a brief in support of an appeal | |
| 121 270 | 221 135 | | Request for oral hearing | |
| 138 1,510 | 138 1,510 | | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | | Petition to revive - unavoidable | |
| 141 1,240 | 241 620 | | Petition to revive - unintentional | |
| 142 1,240 | 242 620 | | Utility issue fee (or reissue) | |
| 143 440 | 243 220 | | Design issue fee | |
| 144 600 | 244 300 | | Plant issue fee | |
| 122 130 | 122 130 | | Petitions to the Commissioner | |
| 123 50 | 123 50 | | Processing fee under 37 CFR 1.17(q) | |
| 126 180 | 126 180 | | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | | Recording each patent assignment per property (times number of properties) | 40.00 |
| 146 710 | 246 355 | | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 710 | 249 355 | | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 710 | 279 355 | | Request for Continued Examination (RCE) | |
| 169 900 | 169 900 | | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 768.00)

SUBMITTED BY

| | | | | | |
|-------------------|-------------------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Kevin G. Mierzwa | Registration No. (Attorney/Agent) | 38,049 | Telephone | (248) 223-9500 |
| Signature | <i>Kevin G. Mierzwa</i> | Date | 3/8/01 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Patent

IN THE UNITED STATES PATENT OFFICE

In Re Patent Application of:

Eric D. Bramson, et al

Serial No. (Filed Herewith)

Filed: (Not Yet Known)

For: **REDUCED MAGNETIC NOISE AND CURRENT RIPPLE AUTOMOTIVE
REGULATOR**

Attorney Docket No: VGT 0200 PA (200-0809)

CERTIFICATE OF EXPRESS MAILING

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I hereby certify that the application consisting of twelve (12) pages; five (5) sheets of drawings; IDS Form 1449A with 5 references; Disclosure Statement; Utility Patent Application Transmittal; Fee Transmittal for FY 2001; Patent Application Fee Determination Record; Declaration and Power of Attorney; Recordation Form Cover Sheet; Assignment; and check for \$768.00 relative to the above-identified new patent application are being deposited with the United States Postal Service as "Express Mail" under Label No. EL834 952 965 US in an envelope addressed to: Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231 on March 8, 2001



Kevin G. Mierzwa
Registration No. 38,049
28333 Telegraph Road, Ste. 250
Southfield, MI 48034
(248) 223-9500
Attorneys for Applicants

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 10/31/2002. OMB 0651-0032
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number
VGT 0200 PA (200-0809)

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| FOR | NUMBER FILED | NUMBER EXTRA |
|---|---------------|--------------|
| BASIC FEE (37 CFR 1.16(a)) | | |
| TOTAL CLAIMS (37 CFR 1.16(c)) | 21 minus 20 = | * 1 |
| INDEPENDENT CLAIMS (37 CFR 1.16(b)) | 3 minus 3 = | * 0 |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) | | |

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

| RATE | FEE |
|--------------|----------|
| | \$ _____ |
| x \$ _____ = | |
| x _____ = | |
| + _____ = | |
| TOTAL | |

OR

| RATE | FEE |
|-----------|----------|
| | \$ 710 |
| x \$ 18 = | 18 |
| x 80 = | -0- |
| + _____ = | |
| TOTAL | \$728.00 |

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|------------------------------------|---------------|
| Total (37 CFR 1.16(c)) | * | Minus | ** |
| Independent (37 CFR 1.16(b)) | * | Minus | *** |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | |

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

| RATE | ADDITIONAL FEE |
|--------------|----------------|
| | |
| x \$ _____ = | |
| x _____ = | |
| + _____ = | |
| TOTAL | |

OR

| RATE | ADDITIONAL FEE |
|--------------|----------------|
| | |
| x \$ _____ = | |
| x _____ = | |
| + _____ = | |
| TOTAL | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|------------------------------------|---------------|
| Total (37 CFR 1.16(c)) | * | Minus | ** |
| Independent (37 CFR 1.16(b)) | * | Minus | *** |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | |

TOTAL
ADDITIONAL FEE

OR

TOTAL
ADDITIONAL FEE

| RATE | ADDITIONAL FEE |
|--------------|----------------|
| | |
| x \$ _____ = | |
| x _____ = | |
| + _____ = | |
| TOTAL | |

OR

| RATE | ADDITIONAL FEE |
|--------------|----------------|
| | |
| x \$ _____ = | |
| x _____ = | |
| + _____ = | |
| TOTAL | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|------------------------------------|---------------|
| Total (37 CFR 1.16(c)) | * | Minus | ** |
| Independent (37 CFR 1.16(b)) | * | Minus | *** |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | |

TOTAL
ADDITIONAL FEE

OR

TOTAL
ADDITIONAL FEE

| RATE | ADDITIONAL FEE |
|--------------|----------------|
| | |
| x \$ _____ = | |
| x _____ = | |
| + _____ = | |
| TOTAL | |

OR

| RATE | ADDITIONAL FEE |
|--------------|----------------|
| | |
| x \$ _____ = | |
| x _____ = | |
| + _____ = | |
| TOTAL | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case.
Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

05/15/2007 T2200001 00000130 02802142

| | | |
|--------|--------|----|
| PA FEE | 710.00 | GP |
| PC FEE | 18.00 | GP |

PTO-1556
(5/87)

*U.S. GPO: 2000-468-987/39595